

Application of: Colin N.B. COOK et al.  
Serial No.: 10/792,286  
Filed: March 4, 2004  
Reply to Office Action of June 27, 2007

REMARKS/ARGUMENTS

Favorable reconsideration of this application, in view of the present amendment and in light of the following discussions, is respectfully requested.

Claims 1, 2 and 12-15 are currently pending in the application. Claims 3-11 have been canceled and claim 1 has been amended herewith. The changes to claim 1 are supported by the originally filed specification and do not introduce any new matter. For example, claims 3 and 4 support testing for the support of USB-based HID's. Moreover, paragraphs [0035] and [0036] support absolute positioning using a USB protocol. In addition, new claims 12-15 are supported by the originally filed specification as well. For example, claim 12 is supported by Figure 2 and its description in paragraph [0020]. Claims 13 and 14 are supported by paragraph [0032] describing buffering and timing emulation. Claim 15 is supported by paragraph [0038].

In the outstanding Office Action, Claims 1-6 and 9-11 were rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Publication No. 2002/0038334 (hereinafter "the '334 publication"); and Claims 7-8 were rejected under 35 U.S.C. § 103(a) as unpatentable over the '334 publication in view of U.S. Publication No. 2002/0129353 (hereinafter "the '353 publication"). In addition, claim 11 was objected to, but that objection is rendered moot by the cancellation of claim 11. The objections to the specification have also been addressed rendering moot those objections.

In response to the rejection of claims 1-6 and 9-11, amended claim 1 and its dependent claims are patentably distinguishing over the applied reference. However, due to the amendments to claim 1, that rejection will be addressed with respect to the arguments set forth in the office action with respect to claim 3. Claim 1 now recites "utilizing a universal serial bus (USB) protocol to provide absolute movement of the mouse cursor on a host computer to an absolute position other than the origin if the operating system supports the use of a USB-based human interface descriptor (HID)

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using absolute movement of the mouse cursor to an absolute position other than the origin." The '334 publication does not disclose such a feature. In the '334 publication, cursor of the target computer is moved using a series of relative mouse movements that are designed to push the mouse to the origin. Paragraph [0087] of the '334 publication states the "cursor of the target computer [is set] to a known location ... by sending to the target computer a series of mouse commands" such that "the cursor [is driven] to the upper left hand-corner (the 0,0 corner), no matter where the cursor was prior the series of commands." After driving the mouse to the origin, "The original cursor is then forced back down to be aligned with the cross-hairs." As would be appreciated by one of ordinary skill in the art, if the series of mouse commands were small, relative movements, then the system would need to send a large number of commands to get the mouse to the upper left hand-corner, and then an additional number of commands would have to be sent to get the cursor to the point that it where the two cursors are to synchronize.

By contrast, the present invention utilizes absolute position (e.g., move to coordinates x543, y234) such that the process of driving to the origin and then back is not necessary. In fact, paragraph [0035] of the specification references the elimination of "rather complex sets of algorithms, which may be otherwise required to make up for lost messages and signals."

Accordingly, the applied references do not teach all of the limitations of independent claim 1, and claim 1 and its dependent claims are patentable over the applied references. Thus, the pending claims are in condition for allowance. An early and favorable action to that effect is respectfully requested.

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Should the Examiner believe that a personal interview would help resolve any outstanding issues in this application, the Examiner is respectfully requested to telephone the undersigned at the number provided to arrange such an interview.

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Respectfully submitted,

By:

Michael R. Casey, Ph.D.

Registration No.: 40,294

Davidson Berquist Jackson & Gowdey LLP  
4300 Wilson Blvd., 7th Floor, Arlington, Virginia 22203  
Main: (703) 894-6400 • FAX: (703) 894-6430

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